

HJ

Title:	JP11001883A2: PRODUCTION OF DEINKED PULP HAVING HIGH WHITENESS
Derwent Title:	Preparation of high whiteness deinked pulp - by primary coagulation step using cationic coagulant, secondary coagulation step using nonionic hydrophilic surfactant and flotation step [Derwent Record]
Country:	JP Japan
Kind:	A
Inventor:	YAESAWA TAKASHI; IWASAKI MAKOTO; YAGUCHI TOKIYA;
Assignee:	OJI PAPER CO LTD News, Profiles, Stocks and More about this company
Published / Filed:	1999-01-06 / 1998-03-03
Application Number:	JP1998000050564
IPC Code:	D21C 5/02;
Priority Number:	1997-04-07 JP1997000087899
Abstract:	<p>PROBLEM TO BE SOLVED: To obtain a deinked pulp having high whiteness without lowering the yield in the flotation process by treating a waste printed paper pulp with a cationic flocculent and then with a nonionic hydrophilic surfactant and subjecting the treated pulp to flotation treatment.</p> <p>SOLUTION: The objective deinked pulp is produced by defibrating waste printed paper with a pulper, treating the obtained pulp slurry with a cationic flocculent such as tetradecylamine acetate at the former stage of flocculation, treating with a polyethylene glycol-type nonionic surfactant having an HLB of 8-19, a surfactant expressed by the formula I (R is a 12-18C alkyl; AO is a 2-4C oxyalkylene; (n) is an integer of ≥ 5), a non-electrolytic cellulosic surfactant expressed by the formula II (R is a 1-4C alkyl, a 2-4C oxyalkylene or H; (n) is a polymerization degree and the average polymerization degree is 100-2,000) or a nonionic hydrophilic surfactant such as a compound of the formula III (R1 and R2 are each a 1-4C alkyl or H; (m) and (n) are each an integer of ≥ 1) at the latter stage of flocculation and subjecting the treated product to flotation treatment.</p> <p>COPYRIGHT: (C)1999,JPO</p>
Family:	None
Other Abstract Info:	CHEMABS 130(09)111697E CHEMABS 130(09)111697E DERABS C1999-125785 DERABS C1999-125785